

DIABETES

LITERATURE INDEX

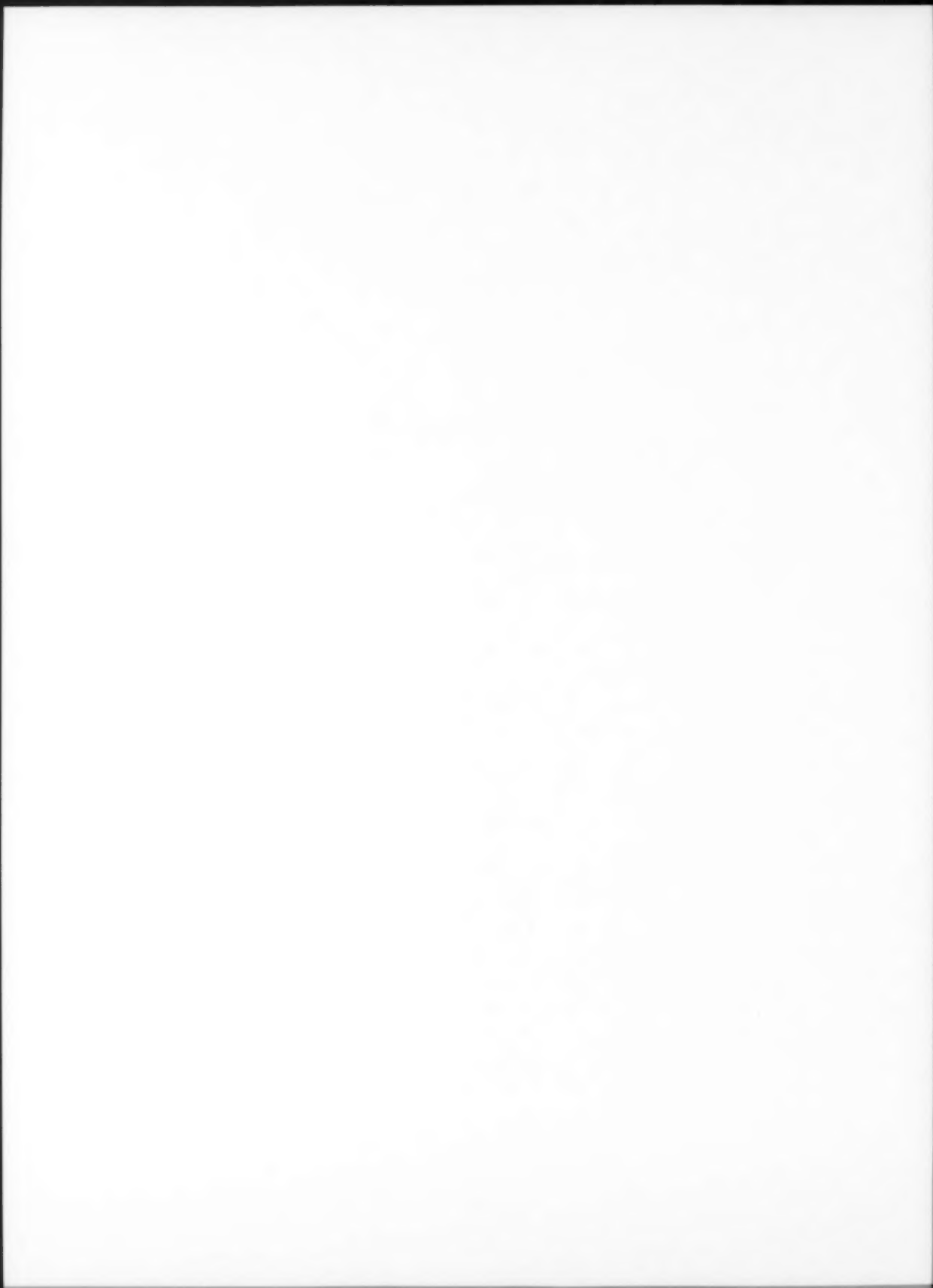
NATIONAL INSTITUTE OF ARTHRITIS, METABOLISM, AND DIGESTIVE DISEASES

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DIABETES LITERATURE INDEX

(By Authors, Hierarchy, and by Keywords in the Title)

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Order of Arrangement

Arrangement of hierarchy
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PREFACE

Diabetes Literature Index is a publication of the National Institute of Arthritis, Metabolism, and Digestive Diseases which has been prepared from MEDLARS (Medical Literature Analysis and Retrieval System) tapes furnished by the National Library of Medicine. This specialized information medium is being published to fill an existing great need in the field of diabetes and to assist the Institute in meeting its obligations to foster and support laboratory and clinical research into the nature, causes, and therapy for diabetes. Publication of *Diabetes Literature Index* makes available an index of all current scientific papers relevant to this field from the world literature.

It is hoped that the issuing of *Diabetes Literature Index* under the auspices of the National Institute of Arthritis, Metabolism, and Digestive Diseases will provide a much needed current awareness tool to scientists and will facilitate greater integration of research and clinical efforts in this field. *Diabetes Literature Index* has been published monthly since January 1966 and is cumulated at the end of each calendar year.

This publication is available free to National Institutes of Health grantees and contractors working in the field of diabetes, and libraries of medical schools. Requests from these *qualified* individuals to receive free copies of this publication must include their grant or contract number and the title of their project. These requests as well as address changes and other communications from these qualified recipients of free copies should be addressed to:

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Diabetes Literature Index
National Institute of Arthritis,
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The Secretary of the Department of Health, Education, and Welfare has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through April 30, 1978

EDITORIAL NOTE

Diabetes Literature Index, a publication of the National Institute of Arthritis, Metabolism, and Digestive Diseases (NIAMDD), was brought about through the cooperative efforts of two divisions of the National Institutes of Health (NIAMDD and the National Library of Medicine), a professional society (American Diabetes Association), three Universities (University of Minnesota, University of Rochester, and Case Western Reserve University) as well as a number of individual scientists. In this rather unique cooperative project, initiated in 1958, duplication of effort has been reduced to a minimum. The digital information generated from the original input of bibliographic citations to the National Library of Medicine's MEDLARS system is processed by computer in several different ways and ultimately used to compose the final printed pages of this *Diabetes Literature Index*.

Each month the MEDLARS magnetic tape furnished by the National Library of Medicine (NLM) is used for identification of the diabetes related literature. All bibliographic citations classified under subject headings which we have designated as Priority I, represent articles that are 100% diabetes-related; they are automatically copied onto a new magnetic tape and constitute over seventy percent of the citations appearing in this index. The citations appearing under Priority II and III are subject headings which include both diabetes-related and unrelated articles; these are printed on cards by the computer. The diabetes related citations are identified manually and the corresponding digital information is added to the next month's Priority I magnetic tape.

In the selection of this bibliography, diabetes-related literature has been defined in a rather arbitrary but broad, comprehensive manner with a view toward providing the widest possible coverage of related areas. To this end the following subjects have been included: the Islets of Langerhans in the pancreas, including their structure and pathologic alterations; insulin, its properties, assay, synthesis, release or degradation; the direct and indirect effects of insulin on target organs; blood glucose level, hyper- and hypo-glycemia; insulin antibodies and insulin resistance; insulin allergy; recent developments in intermediary metabolism; experimental and clinical as-

pects of diabetes, signs, symptoms, diagnosis, treatment, complications, and associated conditions. Also included are other hormones and agents whose effects are similar, opposite, synergistic or antagonistic to insulin, either in their primary or secondary effects on target organs. It should be noted that there are undoubtedly some omissions due to the empirical definition of the diabetes-related literature which was adopted and also to the difficulties attendant in preparing such a large-scale bibliography by machine.

The *Diabetes Literature Index* is published in three formats: a hierarchical subject index, a key word in title index, and an author index. The magnetic tape version of these indexes, prepared at the University of Minnesota, is used to generate the copy for offset printing by the Government Printing Office on their Linotron.

Hierarchical Subject Index: This index differs from *Index Medicus* in that related terms are grouped together in a hierarchical relationship. Thus, all citations which are indexed under blood sugar, glucose tolerance, hyperglycemia, hypoglycemia, and glycosuria are grouped under the general heading "blood sugar, urine sugar and related topics." In both the Diabetes Key Word Index and in *Index Medicus* these terms are arranged alphabetically, and the corresponding citations are distributed at many different page locations. In some instances where only a few citations appear under several similar subject headings, these are grouped together under a more generic term; at times, a new non-MEDLARS index term is created to cover these groupings of subject headings. In some instances where many citations appear under a single subject heading, these are subdivided by using subheadings.

Although the hierarchical subject index is, in a sense, a miniaturized version of *Index Medicus* (dealing with the core diabetes literature) it provides a much greater depth of indexing. Many relevant citations included in the *Diabetes Literature Index* do not appear under the corresponding subject headings in *Index Medicus*; because of space limitations, only two or three of the ten or more index terms included on the MEDLARS magnetic tape are used in the printed version of *Index Medicus*. At times the reason why a given citation appears under a specific subject

heading may not be apparent from the article title. However, examination of the list of index terms for this citation (included in the Author Index under the principal author) will give the basis for this inclusion.

Beginning with the January 1971 issue, two sections are included in the Hierarchical Subject Index. In *Section 1*, "Diabetes Mellitus and Related Topics," the major subdivisions include the MEDLARS terms: Islets of Langerhans, Pancreas, Insulin, Glucagon, Blood and Urine Sugar; the subsection on "Diabetes," (Section 1.F) is extensively subdivided and many subheadings are used. In *Section 2*, "Endocrinology" is divided into subsections dealing with the individual endocrine glands. Hierarchical subject indexes related to Biochemistry and the organ systems (included in the experimental issues, published in February and March, 1969) are not included at this time; terms related to these subjects are, however, included in the Keyword Index.

A list of the subject headings included in the tree structure of the hierarchy (with their corresponding index numbers) and an alphabetic cross index of these subject headings is printed immediately preceding the Hierarchical Subject Index.

Key Word Index: For all of the diabetes-related literature chosen, key words in the title are identified by the computer and an expanded magnetic tape is prepared, listing the complete bibliographic citation under each key word. Most editorial decisions are made by the computer-disk-look-up-program using a master list of terms. Trivial words are deleted and specific word combinations are also selected. Abbreviations and word variant forms are replaced by the more commonly used key word. Inconsistencies between the British and American spellings are eliminated. In no case, however, is a change made within

the title itself. Words which have not appeared previously in the system are identified by the computer program and flagged for human decision.

With the publication of the hierarchical subject index, the key word index has been shortened. Diabetes is not included as a term in the key word index as it is covered in great detail in the hierarchical subject index. Although users may find the hierarchical subject index more useful for coverage of their broad interests, the key word index is advantageous in locating citations dealing with very specific terms—for example those relating to biochemistry or the organ systems. The key word index is of special value in locating citations dealing with the frontiers of diabetes research, for new terms appearing in the title are immediately included in the key word index.

Author Index: Because of space limitations, the printed version of *Index Medicus* excludes all but the first three authors in multiple author publications. However since the last author is often the best known, this name may be the most useful for reference or retrieval; therefore, all authors are included in the Diabetes Literature Author Index. These are automatically identified by the computer program and an alphabetized magnetic tape is prepared in which the complete bibliographic citation is included under each author. In addition, all of the index terms used by the NLM for each citation are listed under the principal author, thus providing an overview of the subject content of the article.

Users planning to systematically cover all articles appearing in a given month may do so by scanning the author index, limiting their perusal to the principal author, i.e., those citations which contain the MEDLARS index terms.

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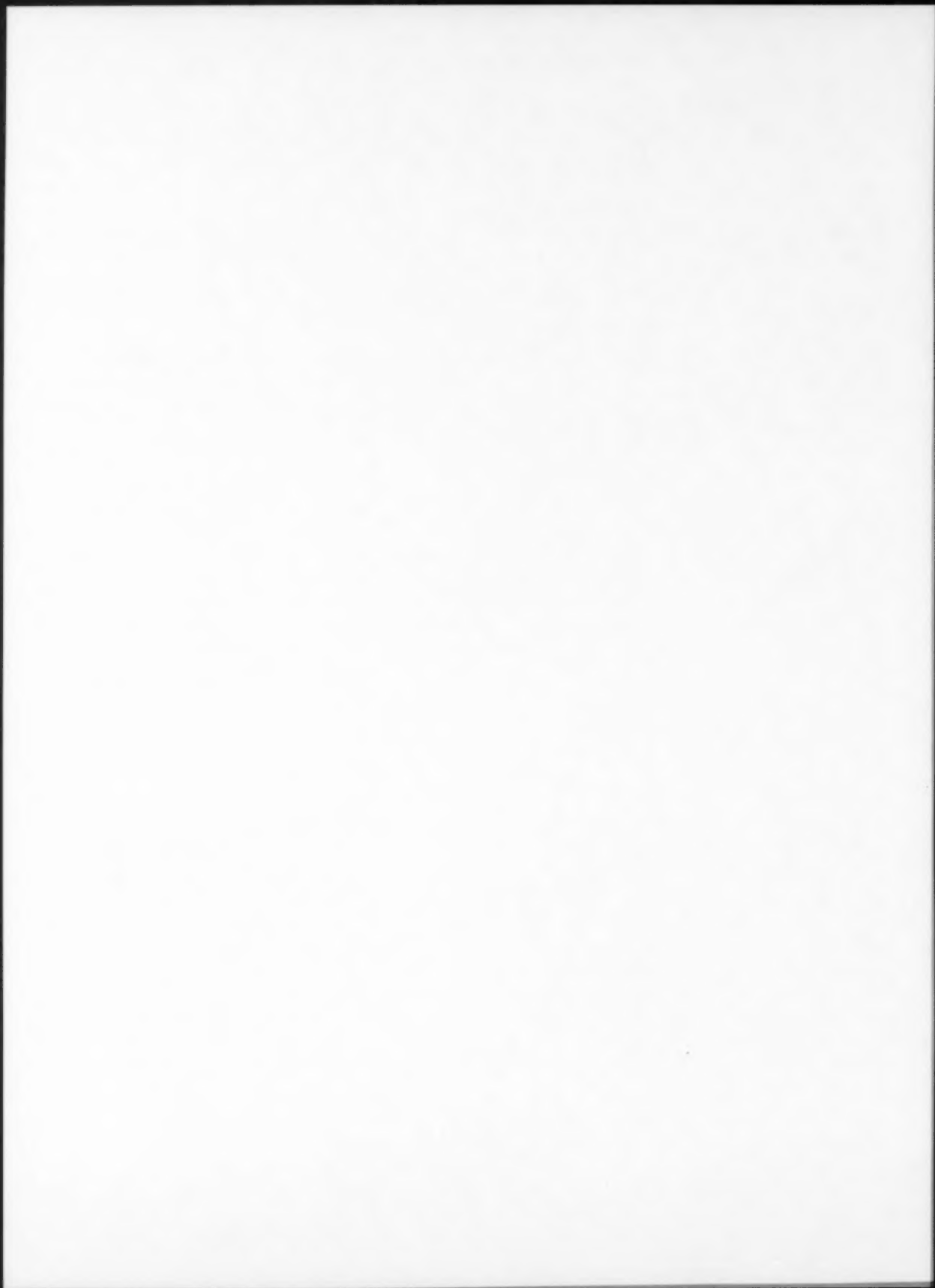
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1.E.6.9 HYPOGLYCEMIA, THERAPY

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1.F.9.2 DIABETES, NUTRITION AND DIET THERAPY

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- I.F.9.3 DIABETES, INSULIN AND THERAPY**
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NAD

SEE NICOTINAMIDE ADENINE DINUCLEOTIDE

NADH

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SEE NICOTINAMIDE ADENINE DINUCLEOTIDE PHOSPHATE

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[INFLUENCE OF THYROID GLAND FUNCTION ON VARIOUS PARAMETERS OF GLUCOSE TOLERANCE IN THE TRIAMCINOLONE GLUCOSE TOLERANCE TEST. II. CHANGES IN THE VALUES OF PLASMA PHOSPHORUS, CALCIUM AND PROTEINS] Zamrazil V, Neradilova M, Nemec H, Havelka J, Felt V *Vnitř Lek* 21: 365-72, Apr 75 (Cze)

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Ferro L

(pharmacodynamics); HUMAN; IMIDAZOLES (pharmacodynamics); INDOMETHACIN (pharmacodynamics); INSULIN (pharmacodynamics); KINETICS; MAGNESIUM (pharmacodynamics); NOREPINEPHRINE (pharmacodynamics); PHARMACOLOGY; PHOSPHODIESTERASES (metabolism); PLACENTA (enzymology, drug effects); PREGNANCY; PROGESTERONE (pharmacodynamics); PROTAGLANDINS (pharmacodynamics); THEOPHYLLINE (pharmacodynamics).

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URINALYSIS, CRITICAL DISCIPLINE OF CLINICAL SCIENCE. Free AH, Free HM *CRC Crit Rev Clin Lab Sci* 3: 481-531, Dec 72 (Eng) [396]

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SPECIFIC BINDING OF NONSUPPRESSIBLE INSULIN-LIKE ACTIVITY TO CHICKEN EMBRYO FIBROBLASTS AND TO A SOLUBILIZED FIBROBLAST RECEPTOR. Zapf J, Mader M, Waldvogel M, Schalch DS, Froesch ER *Arch Biochem Biophys* 168: 630-7, Jun 75 (Eng)

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[EFFECT OF TREATMENT ON CERTAIN PROTEIN AND CARBOHYDRATE COMPONENTS OF BLOOD SERUM AND SALIVA IN PATIENTS WITH DIABETES MELLITUS COMPLICATED BY PERIODONTOSIS] Fursa VT, Shelepov AS *Vrach Delo* 35-7, Jan 75 (Rus)

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DYNAMICS OF TOLBUTAMIDE, GLUCOSE, AND INSULIN INTERRELATIONSHIPS FOLLOWING VARYING DOSES OF INTRAVENOUS TOLBUTAMIDE IN NORMAL SUBJECTS. Ganda OP, Kahn CB, Soeldner JS, Gleason RE *Diabetes* 24: 354-67, Apr 75 (Eng)

ADULT; AGED; ANTIGENS; BLOOD SUGAR (metabolism); DOSE-RESPONSE RELATIONSHIP, DRUG; FEMALE; GLUCOSE (pharmacodynamics); HUMAN; INJECTIONS, INTRAVENOUS; INSULIN (blood, immunology); MALE; MIDDLE AGE; TIME FACTORS; TOLBUTAMIDE (pharmacodynamics, blood); UNITED STATES GOVERNMENT SUPPORTED, N.I.H..

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ACHLORHYDRIA (physiopathology); ADULT; AGED; DIABETIC NEUROPATHIES

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HYPOGLYCEMIA (physiopathology); INSULIN

(pharmacodynamics); **MALE; MIDDLE AGE;**

PENTAGASTRIN (pharmacodynamics);

SECRETORY RATE (drug effects); VAGUS

NERVE (physiopathology).

Hover BA

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AMYLOIDOSIS (veterinary, pathology); ANIMAL EXPERIMENTS; BABOONS; BLOOD SUGAR (analysis); DIABETES MELLITUS (veterinary, blood, pathology); FEMALE; GLUCOSE TOLERANCE TEST; INSULIN (blood); ISLANDS OF LANGERHANS

(pathology); **LIPOPROTEINS, HDL (blood); LIPOPROTEINS, LDL (blood); LIPOPROTEINS, VLDL (blood); MACACA; MALE; MONKEY DISEASES (blood, pathology); PANCREATIC DISEASES (veterinary, pathology); TRIGLYCERIDES (blood); UNITED STATES GOVERNMENT SUPPORTED, N.I.H..**

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ADENOSINE TRIPHOSPHATE (metabolism);

ANIMAL EXPERIMENTS; BICARBONATES

(metabolism); **BLOOD PRESSURE; CARBON**

DIOXIDE (blood, metabolism); CATS;

CEREBRAL CORTEX (metabolism);

CEREBROVASCULAR CIRCULATION;

CONVULSIONS (physiopathology); CREATINE

(metabolism);

ELECTROENCEPHALOGRAPHY; ENERGY

METABOLISM; HYDROGEN-ION

CONCENTRATION; LACTATES (metabolism);

MALE; OXYGEN CONSUMPTION; OXYGEN

(blood); **PHENYLEPHRINE**

(pharmacodynamics); **PYRUVATES**

(metabolism).

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ADULT; AGE FACTORS; AGED; ANTIBODY FORMATION; DIABETES MELLITUS (immunology); ENGLISH ABSTRACT; HODGKINS DISEASE (immunology); HUMAN; IMMUNOGLOBULINS (isolation & purification); MIDDLE AGE; NEOPLASMS (immunology); SEX FACTORS.

Hrncirova L

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ANIMAL EXPERIMENTS; CARBON RADIOISOTOPES; CHOLESTEROL (pharmacodynamics, analogs & derivatives);

CHOLESTEROL, DIETARY;

CHROMATOGRAPHY, THIN LAYER; COBALT

(pharmacodynamics); **COMPARATIVE STUDY;**

DITHIOTHREITOL (pharmacodynamics); EDTA

(pharmacodynamics); **HYDROGEN-ION**

CONCENTRATION; KINETICS; MAGNESIUM

(pharmacodynamics); **MANGANESE**

(pharmacodynamics); **MICROSOMES, LIVER**

(enzymology, drug effects); **OPTICAL**

ROTATION; OXIDATION-REDUCTION;

PIGEONS; SPECIES SPECIFICITY;

SPECTROPHOTOMETRY, INFRARED;

STERIOD HYDROXYLASES (metabolism);

TIME FACTORS; TRITIUM.

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METABOLISM OF ALCOHOL. Hultman E. *Acta Anaesthesiol Scand [Suppl]* 58-65, 1974 (Eng)

ALCOHOL OXIDOREDUCTASES (metabolism);

ALCOHOL, ETHYL (metabolism, pharmacodynamics); ALDEHYDE

OXIDOREDUCTASES (metabolism); BLOOD

SUGAR (metabolism); CHOLESTEROL

(biosynthesis); **DRUGS (metabolism);**

FRUCTOSE (metabolism); GALACTOSE

(metabolism); **GLYCOGEN (metabolism);**

HORMONES (metabolism); HUMAN; KREBS

CYCLE (drug effects); LIVER (metabolism);

MICROSOMES, LIVER (metabolism);

MITOCHONDRIA, LIVER (metabolism); NAD

(metabolism); **OXIDATION-REDUCTION;**

PROTEINS (metabolism); RECEPTORS, DRUG;

TRIGLYCERIDES (biosynthesis).

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MAINTENANCE OF LUNG VIABILITY FOR TRANSPLANTATION AFTER LONG PERIODS OF HYPOthermic PERFUSION. Toledo-Pereyra LH, Northrup WF, Humphrey EW, Najarian JS. *J Surg Res* 18: 99-106, Feb 75 (Eng)

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THE EFFECT OF PREGNANCY ON THE RENAL HANDLING OF GLUCOSE. Davison JM, Hyttén FE. *Br J Obstet Gynaecol* 82: 374-81, May 75 (Eng)

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[SENSITIVITY OF ADIPOSE TISSUE TO INSULIN IN LATENT DIABETES MELLITUS (A CLINICO-EXPERIMENTAL STUDY)] Iaroshevskii IuA, Sokoloverova IM. *Probl Endokrinol (Mosk)* 21: 12-6, Jan-Feb 75 (Rus)

ADIPOSE TISSUE (metabolism); ADULT;

ALLOXAN DIABETES (metabolism); ANIMAL

EXPERIMENTS; CARBON RADIOISOTOPES;

ENGLISH ABSTRACT; FEMALE; GLUCOSE

(metabolism); **HUMAN; INSULIN**

(pharmacodynamics); **LIPIDS (biosynthesis);**

MIDDLE AGE; PREDIABETIC STATE

(metabolism); **RATS.**

Iatridis PG

2,3-DIPHOSPHOGLYCERATE: A PHYSIOLOGICAL INHIBITOR OF PLATELET AGGREGATION. Iatridis SG, Iatridis PG, Markidou SG, Ragatz BH. *Science* 187: 259-61, 24 Jun 75 (Eng)

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ADENOSINE DIPHOSPHATE (antagonists &

inhibitors); BLOOD COAGULATION (drug

effects); DEPRESSION, CHEMICAL;

DIPHOSPHOGLYCERIC ACIDS

(pharmacodynamics); **DIPYRIDAMOLE**

(pharmacodynamics); **DRUG SYNERGISM;**

EPINEPHRINE (antagonists & inhibitors);

HEMATOCRIT; HUMAN; IN VITRO;

NOREPINEPHRINE (antagonists & inhibitors);

PLATELET ADHESIVENESS (drug effects);

PLATELET AGGREGATION (drug effects);

UNITED STATES GOVERNMENT

SUPPORTED, NON-N.I.H.; VINCA ALKALOIDS

(pharmacodynamics).

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AUTOMATIC FLUORESCENCE TITRATIONS AND THEIR INTERPRETATION. Igloi GL, Penzer GR. *Anal Biochem* 64: 239-48, Mar 75 (Eng)

ADENOSINE TRIPHOSPHATE; AMINO ACYL

T RNA SYNTHETASES (metabolism);

ESCHERICHIA COLI (enzymology); FMN

(analysis); **INSULIN (analysis); ISOLEUCYL T**

RNA SYNTHETASE (metabolism); MODELS,

CHEMICAL; NAPHTHALENESULFONATES;

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Ihse I

NITROGEN; SPECTROMETRY;
FLUORESCENCE (instrumentation);
TEMPERATURE; THERMODYNAMICS;
TOLUIDINES.

Ihse I

STUDIES ON THE REVERSIBILITY OF ORAL
TRYPSIN INHIBITOR INDUCED CHANGES
OF RAT PANCREATIC EXOCRINE ENZYME
ACTIVITY AND INSULIN SECRETORY
CAPACITY. Ihse I, Arnesjo B, Lundquist I *Scand
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ADMINISTRATION, ORAL; AMYLASE
(metabolism); ANIMAL EXPERIMENTS;
BLOOD SUGAR (metabolism); DEPRESSION,
CHEMICAL; GLIBENCLAMIDE
(pharmacodynamics); INSULIN (secretion,
blood); ISOPROTERENOL (pharmacodynamics);
LIPASE (metabolism); MALE; PANCREAS (drug
effects, enzymology); RATS; SECRETORY rate
(drug effects); STIMULATION, CHEMICAL;
TRYPSIN INHIBITORS (pharmacodynamics,
administration & dosage); TRYPSINOGEN
(metabolism).

Ikeda M

STUDIES ON SOME POSSIBLE MECHANISMS
OF POTENTIATION OF HEXOBARBITAL
HYPNOSIS BY PILOCARPINE, MUSCARINE
AND ARECOLINE. Tsujimoto A, Doi T, Ikeda
M, Nishikawa T *Arch Int Pharmacodyn Ther* 212:
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[A NEW EVALUATION OF BASIC LAW FOR IN-
DUCED LABOR] Ingerslev M, Ramsing EM
Ugeskr Laeger 137: 1100-3, 12 May 75 (Dan)
ADULT; DENMARK; ENGLISH ABSTRACT;
EVALUATION STUDIES; FEMALE; HUMAN;
LABOR, INDUCED; LEGISLATION, MEDICAL;
OXYTOCIN (therapeutic use); PREGNANCY IN
DIABETES; PREGNANCY; PROSTAGLANDINS
E (therapeutic use).

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ORAL CONTRACEPTIVES AND DEATH FROM
MYOCARDIAL INFARCTION. Mann JJ, Inman
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ABDOMINAL PAIN IN DIABETIC METABOLIC
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NIFICANCE. Campbell IW, Duncan LJ, Innes
JA, MacCuish AC, Munro JF *JAMA* 233: 166-8,
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MAGNESIUM DEFICIENCY AND CARDIAC
DISORDERS. Iseri LT, Freed J, Bures AR *Am J
Med* 58: 837-46, Jun 75 (Eng) [85]
ACIDOSIS, DIABETIC (complications);
ALCOHOLISM (complications); ARRHYTHMIA
(etiology, chemically induced); DIGITALIS
GLYCOSIDES (adverse effects); FEMALE;
HEART FAILURE, CONGESTIVE
(complications); HUMAN;
HYPERALDOSTERONISM (complications);
HYPOPARATHYROIDISM (complications);
KIDNEY TUBULAR NECROSIS, ACUTE
(complications); LIVER CIRRHOSIS
(complications); MAGNESIUM DEFICIENCY
(complications, diagnosis, etiology);
MAGNESIUM (therapeutic use, administration &
dosage, adverse effects); MALABSORPTION
SYNDROMES (complications); MALE; MIDDLE
AGE; PANCREATITIS (complications);
POSTOPERATIVE COMPLICATIONS;
REVIEW.

Ishchenko MM

[CERTAIN INDICATORS OF CAR-
BOHYDRATE-PHOSPHORUS METABOLISM
IN THE BLOOD OF PATIENTS WITH
CLOSED CEREBRO-CRANIAL INJURY]
Ishchenko MM, Zverev AP *Vopr Neurokhir* 00:
11-5, Nov-Dec 74 (Rus)

ADENOSINE DIPHOSPHATE (blood);
ADENOSINE TRIPHOSPHATE (blood);
ADOLESCENCE, ADULT; BLOOD SUGAR
(analysis); BRAIN INJURIES, ACUTE
(metabolism, blood); CARBOHYDRATES
(metabolism); ENGLISH ABSTRACT;
ERYTHROCYTES (metabolism); FEMALE;
FRUCTOSE (blood); HEXOSES (blood);
HUMAN; LACTATES (blood); MALE; MIDDLE
AGE; MONOSACCHARIDES (blood);
PENTOSE (blood); PHOSPHORUS
(metabolism, blood).

Ivanov VN

[EFFECT OF SEA BUCKTHORN OIL ON CER-
TAIN INDICES OF LIPID METABOLISM IN
EXPERIMENTAL ATHEROSCLEROSIS]
Ivanov VN, Nikitina LP *Vopr Pitn* 13-6, Nov-
Dec 73 (Rus)

ADMINISTRATION, ORAL; ANIMAL
EXPERIMENTS, ARTERIOSCLEROSIS
(metabolism); CHOLESTEROL (analysis);
COMPARATIVE STUDY; DIET;
ATHEROGENIC; ENGLISH ABSTRACT;
FEMALE; GUINEA PIGS;
HISTOCYTOCHEMISTRY; LIPIDS
(metabolism); LIPOPROTEINS (analysis); MALE;
OILS (pharmacodynamics); OXYGEN
CONSUMPTION; PLANT EXTRACTS
(pharmacodynamics); PLANTS
(pharmacodynamics); TIME FACTORS.

Jacobs LS

PITUITARY HORMONAL RESERVE IN PA-
TIENTS PRESENTING HYPERPROLAC-
TINEMIA, INTRASELLAR MASSES, AND
AMENORRHEA WITHOUT GALACTORR-
HEA. Zarate A, Canales ES, Villalobos H, Soria
J, Jacobs LS, Kastin AJ, Schally AV *J Clin En-
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INFLUENCE ON FETAL CARBOHYDRATE
AND FAT METABOLISM AND ON ACID-
BASE BALANCE OF GLUCOSE ADMINIS-
TRATION TO THE MOTHER DURING
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[POSSIBILITIES IN THE PREVENTION OF
CORONARY HEART DISEASE IN NONINSU-
LIN-DEPENDENT DIABETIC PATIENTS] Reiss
HE, Janhke K *Lebensversicherungsmedizin* 27:
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LOW-DOSE HOURLY INTRAMUSCULAR IN-
SULIN. Jaspan JB *S Afr Med J* 49: 621-6, 5 Apr
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ADULT; AGED; BICARBONATES (adverse
effects); BLOOD SUGAR (analysis); DIABETIC
COMA (drug therapy, blood, mortality);
FEMALE; HUMAN; HYPOTONIC SOLUTIONS;
INFUSIONS, PARENTERAL; INJECTIONS,
INTRAMUSCULAR; INSULIN RESISTANCE;
INSULIN (administration & dosage, therapeutic
use); KETONES (blood); KETOSIS, DIABETIC
(drug therapy, blood); MALE; MIDDLE AGE;
POTASSIUM (blood); SODIUM CHLORIDE
(administration & dosage).

Jeanrenaud B

REGULATION OF CARBOHYDRATE AND
LIPID METABOLISM IN THE LIVER AND
ADIPOSE TISSUE OF NORMAL AND
DIABETIC MICE. Loten EG, Assimacopoulos-
Jeannet F, Le Marchand Y, Singh A, Jeanrenaud
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GLUCOSE AND ADENOSINE TRIPHOSPHATE
LEVEL IN NORMAL SUBJECTS. Mora JD,

Viissides D, Jenner FA *Br J Psychiatry* 125: 459-
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[PROCEEDINGS: ALTERATION OF INSULIN
SECRETION DURING ISOCALORIC REDUC-
TION DIET RICH ON CARBOHYDRATES,
RESP. FAT, IN WEIGHT LOSS OF ADIPOSE
PATIENTS] Joel W, Vogel B, Schmulling RM,
Keller E, Eggstein M *Munch Med Wochenschr*
117: 844, 16 May 75 (Ger)

COMPARATIVE STUDY; DIET, REDUCING;
DIETARY CARBOHYDRATES; DIETARY
FATS; HUMAN; INSULIN (secretion); OBESITY
(metabolism, drug therapy).

Joffe BI

PATHOGENESIS OF NONKETOTIC
HYPEROSMOLAR DIABETIC COMA. Joffe
BI, Goldberg RB, Krut LH, Seftel HC *Lancet* 1:
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ANIMAL EXPERIMENTS; DIABETES
MELLITUS (physiopathology, metabolism);
DIABETIC COMA (etiology); FATTY ACIDS,
NONESTERIFIED (metabolism); GLUCAGON
(physiology); GLYCOGEN (metabolism);
HUMAN; HYPERGLYCEMIA (etiology);
INSULIN (metabolism, blood); ISLANDS OF
LANGERHANS (physiopathology); LIVER
(metabolism, physiopathology); METABOLIC
CLEARANCE RATE; OSMOLAR
CONCENTRATION; OXIDATION-
REDUCTION; RATS; TRIGLYCERIDES
(metabolism).

Johanson A

SOMATOSTATIN INHIBITION OF INSULIN
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CREATIC ISLET-CELL CARCINOMA. Cur-
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CARDIAC MUSCLE CELL DAMAGE INDUCED
BY RESTRAINT STRESS. Jonsson L, Johansson
G *Virchows Arch [Zellpathol]* 17: 1-12, 1974
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Johnson CB

HORMONE RECEPTORS. IV. SOLUBILIZA-
TION AND PURIFICATION OF A LIVER
PLASMA MEMBRANE GLUCAGON-BIND-
ING PROTEIN. Blecher M, Giorgio NA, John-
son CB *Adv Enzyme Regul* 12: 289-309, 1974
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ON THE PHOSPHORYL-ENZYME OF
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ADENOSINE DIPHOSPHATE; ADENOSINE
TRIPHOSPHATE; BINDING SITES; CARBON
RADIOISOTOPES; DIPHOSPHOGLYCERIC
ACIDS; HYDROGEN-ION CONCENTRATION;
KINETICS; PHOSPHOGLYCERATE KINASE
(metabolism); PHOSPHORUS RADIOISOTOPES;
PROTEIN BINDING; TRITIUM.

Jonsson L

REMOVAL OF EXOGENOUS PLASMA
TRIGLYCERIDES IN SPLANCHNIC VISCERA
IN MAN DURING ANESTHESIA. Freyschuss U,
Hallberg D, Jonsson L, Rossner S *Acta Med
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LONG TERM EFFECT OF HIGHLY SELECTIVE
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ACID OUTPUT IN MAN. Greenall MJ, Lyndon
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PHENETHYLBIGUANIDE AND THE INHIBITION OF HEPATIC GLUCONEOGENESIS IN THE GUINEA PIG. Ogata K, Jomain-Baum M, Hanson RW *Biochem J* 144: 49-57, Oct 74 (Eng)

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[PROCEEDINGS: JUVENILE DIABETIC PATIENTS. CONTROL OF STABILIZING IN VARIOUS FORMS OF THERAPY] Schatz H, Winkler G, Jonatha EM, Pfeiffer EF *Munch Med Wochenschr* 117: 483, 16 May 75 (Ger)

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ANIMAL EXPERIMENTS; CATECHOLAMINES (pharmacodynamics); CYTOCHROME OXIDASE (metabolism); ESTERASES (metabolism); GLYCOGEN (metabolism); HEART (drug effects); LIPIDS (metabolism); MICROSCOPY, ELECTRON; MITOCHONDRIA, MUSCLE; MYOCARDIAL DISEASES, SECONDARY (pathology); MYOCARDIUM (pathology, enzymology, metabolism); NECROSIS; OXIDOREDUCTASES (metabolism); SARCOPLASMIC RETICULUM; STRESS (pathology); SWINE.

Jover Sanz E

[CHANGES IN BLOOD SUGAR, BLOOD INSULIN AND LIPIDS FOLLOWING AN ORAL GALACTOSE OVERLOAD] Jover Sanz E, Duran Gonzalez S, Manso Martinez JM, Paradinis Jimenez C, Martinez Robles JV, Velasco Alonso R *Rev Clin Esp* 136: 401-4, 15 Mar 75 (Spa)

BLOOD SUGAR (metabolism); ENGLISH ABSTRACT; GALACTOSE (metabolism); HUMAN; INSULIN (blood); INTESTINAL ABSORPTION; LIPIDS (blood); TIME FACTORS.

Jozwicka E

[EFFECT OF PHENFORMIN ON THE INTESTINAL CALCIUM ABSORPTION IN HUMANS] Jozwicka E, Czyzyk A, Szymendera J, Szczepanik Z, Radwan M *Pol Arch Med Wewn* 53: 535-40, Jun 75 (Pol)

ADULT; AGED; CALCIUM (metabolism); ENGLISH ABSTRACT; FEMALE; HUMAN; INTESTINAL ABSORPTION (drug effects); INTESTINE, SMALL (drug effects); MALE; MIDDLE AGE; PHENFORMIN (pharmacodynamics); TIME FACTORS.

Jubb JS

A COMPARISON OF THREE METHODS OF HUMAN PLASMA LOW DENSITY LIPOPROTEIN ANALYSIS. Jubb JS, McIntosh SJ, Shepherd J, Horal DK *Z Klin Chem Klin Biochem* 12: 244, May 74 (Eng)

CHOLESTEROL (blood); COMPARATIVE STUDY; ELECTROPHORESIS, POLYACRYLAMIDE GEL; HUMAN; LIPOPROTEINS, HDL (blood); LIPOPROTEINS, LDL (blood); LIPOPROTEINS, VLDL (blood); PRECIPITIN TESTS; TRIGLYCERIDES (blood); ULTRACENTRIFUGATION.

Jurkowitz M

ION TRANSPORT BY HEART MITOCHONDRIA. RETENTION AND LOSS OF ENERGY COUPLING IN AGED HEART MITOCHONDRIA. Jurkowitz M, Scott KM, Altschuld RA, Merola AJ, Brierley GP *Arch Biochem Biophys* 165: 98-113, Nov 74 (Eng)

ADENOSINE TRIPHOSPHATASE (metabolism); CALCIUM (pharmacodynamics); CARNITINE (metabolism); CATTLE; CHELATING AGENTS (pharmacodynamics); GLUTAMATES (metabolism); HYDROGEN PEROXIDE (pharmacodynamics); HYDROGEN-ION

CONCENTRATION; HYDROXYBUTYRATES (metabolism); KETOGLUTARIC ACID (metabolism); LACTATES (metabolism); MALATES (metabolism); MITOCHONDRIA, MUSCLE (metabolism, drug effects); MITOCHONDRIAL CONTRACTION (drug effects); MITOCHONDRIAL SWELLING (drug effects); MYOCARDIUM; OXIDATIVE PHOSPHORYLATION (drug effects); OXYGEN CONSUMPTION (drug effects); POTASSIUM CHLORIDE (pharmacodynamics); POTASSIUM (metabolism); PYRUVATES (metabolism); SUCCINATES (metabolism); SUCROSE (pharmacodynamics); TIME FACTORS; VALINOMYCIN (pharmacodynamics).

Justro E

[ELASTIC PSEUDOXANTHOMA ASSOCIATED WITH LIPID METABOLISM DISORDERS] Lambert D, Dubost M, Mugneret F, Justro E, Putelat R, Chapuis JL *Nouv Presse Med* 4: 1123-4, 12 Apr 75 (Fre)

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RELATIONSHIP BETWEEN AMINO ACID TRANSPORT AND ELECTRON TRANSPORT BY MEMBRANE VESICLES OF MICROCOCCUS DENITRIFICANS. White DC, Tucker AN, Kaback HR *Arch Biochem Biophys* 165: 672-80, Dec 74 (Eng)

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DYNAMICS OF TOLBUTAMIDE, GLUCOSE, AND INSULIN INTERRELATIONSHIPS FOLLOWING VARYING DOSES OF INTRAVENOUS TOLBUTAMIDE IN NORMAL SUBJECTS. Ganda OP, Kahn CB, Soeldner JS, Gleason RE *Diabetes* 24: 354-67, Apr 75 (Eng)

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PRESERVATION OF CADAVER ORGANS WITH THE USE OF A HEART MASSAGE UNIT. Harada K, Okazaki K, Mutsuda T, Kaihotsu N, Okada K *Jpn J Surg* 1: 263-74, Dec 71 (Eng)

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[DIABETES MELLITUS AND IMMUNITY - MONOCOMPONENT INSULIN] Kawazu S, Kanazawa Y, Miki E, Kosaka K *Jpn J Clin Med* 33: 1594-7, 10 Apr 75 (Jpn)

Kangas T

[SINGLE-USE DOSAGE INSULIN SYRINGE STANDARDS] Kangas T, Lofblom A *Sairaanhoidu* 50: 26-9, 27 May 75 (Fin)

HUMAN; INJECTIONS, SUBCUTANEOUS; INSULIN (administration & dosage); SYRINGES (standards); SPECIAL LIST NURSING.

Kaniak J

[MURAMIDASE ACTIVITY IN THROMBOANGIITIS OBLITERANS] Kaniak J, Kowal-Gierczak B, Falowska-Adamczyk W, Hanczykowska H *Wiad Lek* 28: 743-6, 1 May 75 (Pol)

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MITOCHONDRIA; MURAMIDASE; PHOSPHOLIPIDS (isolation & purification); PROTEIN BINDING; PROTEIN CONFORMATION; PROTEINS (isolation & purification); REVIEW; SOLVENTS; SUCCINATE DEHYDROGENASE; X-RAY DIFFRACTION.

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[DYNAMICS OF PAIN SYNDROME AND PSYCHOPATHOLOGICAL SYMPTOMS IN RADIATION-SURGICAL TREATMENT OF PITUITARY NEOPLASMS] Dobrokhotova TA, Liass FM *Vopr Neurokhir* 00: 24-8, Nov-Dec 74 (Rus)

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ADOLESCENCE: AGE FACTORS; ALDOLASE
(blood); CARBOHYDRATE ISOMERASES
(blood); CHILD; FATTY ACIDS.
NONESTERIFIED (blood); FEMALE;
GLUTAMATE DEHYDROGENASE (blood);
GLUTAMATES: GLYCERIN (blood); HUMAN;
ISOCITRATE DEHYDROGENASE (blood);
LACTATE DEHYDROGENASE (blood);
METABOLISM: PYRUVATE KINASE (blood);
SEX FACTORS; SPORTS.

Lindner W

[HYPOGLYCEMIA - AGLYCEMIA IN VIRUS
HEPATITIS (AUTHORS TRANSL.)] Lindner W
Munch Med Wochenschr 117: 855-60, 16 May 75
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ALANINE AMINOTRANSFERASE (blood);
ASPARTATE AMINOTRANSFERASE (blood);
AUSTRALIA ANTIGEN (isolation &
purification); BILIRUBIN (blood); BLOOD
SUGAR (analysis, metabolism); CHOLESTASIS;
ENGLISH ABSTRACT; FEMALE; GLUCOSE
(therapeutic use, pharmacodynamics);
HEPATITIS, INFECTIOUS (complications,
microbiology, metabolism); HUMAN;
HYPOGLYCEMIA (etiology, drug therapy,
physiopathology); LIVER (metabolism,
physiopathology); MIDDLE AGE.

Lindsey CA

PLASMA GLUCAGON LEVELS DURING RAPID
EXSANGUINATION WITH AND WITHOUT
ADRENERGIC BLOCKADE. Lindsey CA,
Faloon GR, Unger RH *Diabetes* 24: 313-6, Apr
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ADRENERGIC BETA RECEPTOR
BLOCKADERS (therapeutic use); ANIMAL
EXPERIMENTS; BLOOD SUGAR (metabolism);
DOGS; GLUCAGON (blood); HEMORRHAGE
(blood); HYPOTENSION (blood); INSULIN
(blood); PHENTOLAMINE (pharmacodynamics);
PROPRANOLOL (pharmacodynamics);
RECEPTORS, ADRENERGIC; SHOCK (blood,
drug therapy); TIME FACTORS; UNITED
STATES GOVERNMENT SUPPORTED, N.I.H..

Lisch HJ

[RELATIONSHIPS BETWEEN BODY WEIGHT
AND PLASMA LIPIDS IN HYPERLIPAEIC
PATIENTS (AUTHORS TRANSL.)] Lisch HJ,
Sailer S, Braunsteiner H *Wien Klin Wochenschr*
86: 97-9, 22 Feb 74 (Ger)

ADULT; AGED; BODY WEIGHT;
CHOLESTEROL (blood); ENGLISH
ABSTRACT; FASTING; FEMALE; HUMAN;
HYPERLIPIDEMIA (blood, diet therapy); LIPIDS
(blood); MALE; MIDDLE AGE;
PHOSPHOLIPIDS (blood); TRIGLYCERIDES
(blood).

Litoux P

[LETTER: NERVE CONDUCTION VELOCITY
AND HOFFMANN'S REFLEX IN NONFAMILI-
AL ULCEROMUTILATING ACROPATHIES]
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LIN RESISTANCE. Lockwood DH, Livingston
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IDIOPATHIC CALCIUM-STONE FORMA-
TION. Hedstrand H, Ljunghall S *Lancet* 1: 1251,
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DEFECTIVE INNERVATION OF HEART IN
DIABETIC AUTONOMIC NEUROPATHY.
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ADULT; AMYL NITRITE (pharmacodynamics);
ATROPINE (pharmacodynamics); AUTONOMIC
NERVOUS SYSTEM (physiopathology); BLOOD
PRESSURE; DIABETIC NEUROPATHIES
(physiopathology, complications); FEMALE;
HEART ARREST (etiology); HEART RATE;
HEART (innervation); HUMAN; LOBELINE
(pharmacodynamics); MALE; MIDDLE AGE;
PARASYMPATHETIC NERVOUS SYSTEM
(physiopathology); PHENYLEPHRINE
(pharmacodynamics); POSTURE;
PROPRANOLOL (pharmacodynamics); STRESS,
PSYCHOLOGICAL; SYMPATHETIC NERVOUS
SYSTEM (physiopathology); TACHYCARDIA
(etiology); VALSALVAS MANEUVER.

MODIFICATION BY PROPRANOLOL OF CAR-
DIOVASCULAR EFFECTS OF INDUCED
HYPOGLYCAEMIA. Lloyd-Mostyn RH, Oram
S *Lancet* 1: 1213-5, 31 May 75 (Eng)

ARRHYTHMIA, SINUS (etiology); BLOOD
PRESSURE (drug effects); BRADYCARDIA
(chemically induced); COMPARATIVE STUDY;
DIABETES MELLITUS (complications); DRUG
ANTAGONISM; ELECTROCARDIOGRAPHY;
HEART RATE (drug effects); HEART
(physiopathology); HUMAN; HYPERTENSION
(complications, drug therapy); HYPOGLYCEMIA
(physiopathology, complications); INSULIN
(pharmacodynamics, diagnostic use); MALE;
PROPRANOLOL (pharmacodynamics, diagnostic
use, adverse effects).

Lockwood DH

RELATION OF INSULIN RECEPTORS TO INSU-
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ADIPOSE TISSUE (drug effects); ANIMAL
EXPERIMENTS; BIOLOGICAL TRANSPORT,
ACTIVE; GLUCOSE (metabolism); HUMAN;
INSULIN RESISTANCE; INSULIN (metabolism,
pharmacodynamics); METHYLGLUCOSIDES
(metabolism); OBESITY (metabolism); PROTEIN
BINDING; RATS; RECEPTORS, HORMONE;
SPERMINE (pharmacodynamics); UNITED
STATES GOVERNMENT SUPPORTED, N.I.H..

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NOASSAY THEORY. A SIMPLE PROCEDURE
YIELDING LINEAR CALIBRATION CURVES.
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BIOLOGICAL TRANSPORT; CALCIUM
(metabolism); CELL MEMBRANE (metabolism);
ISLANDS OF LANGERHANS (enzymology,
metabolism).

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ACUTE HEMORRHAGIC PANCREATITIS
(MASSIVE NECROSIS) WITH FAT NECROSIS
INDUCED IN MICE BY DL-ETHIONINE FED
WITH A CHOLINE-DEFICIENT DIET. Lom-
bardi B, Estes LW, Longnecker DS *Am J Pathol*
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ACUTE DISEASE; ADIPOSE TISSUE
(ultrastructure); ANIMAL EXPERIMENTS;

AUTOPSY; CHOLINE DEFICIENCY
(complications, etiology); CYTOPLASMIC
GRANULES (ultrastructure); DIET; DISEASE
MODELS, ANIMAL; ENDOPLASMIC
RETICULUM (ultrastructure); ENZYME
PRECURSORS; ETHIONINE; FEMALE; GOLGI
APPARATUS (ultrastructure); HEMORRHAGE
(etiology, mortality); ISLANDS OF
LANGERHANS (ultrastructure); MICE;
NECROSIS (etiology); PANCREAS (pathology,
ultrastructure); PANCREATIC DUCTS
(pathology); PANCREATITIS (etiology,
mortality); VACUOLES (ultrastructure).

Longnecker DS

ACUTE HEMORRHAGIC PANCREATITIS
(MASSIVE NECROSIS) WITH FAT NECROSIS
INDUCED IN MICE BY DL-ETHIONINE FED
WITH A CHOLINE-DEFICIENT DIET. Lom-
bardi B, Estes LW, Longnecker DS *Am J Pathol*
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ACUTE PULMONARY EDEMA AND SEIZURES
IN HUNTING DOGS. Lord P, Olsson SE, Audell
L *Nord Vet Med* 27: 112-6, Feb 75 (Eng)

ACUTE DISEASE; ANIMAL EXPERIMENTS;
DOG DISEASES (diagnosis); DOGS; DYSPNEA
(etiology, complications); EPILEPSY (veterinary);
EXERTION; HYPOGLYCEMIA (veterinary);
MALE; PULMONARY EDEMA (veterinary,
etiology, radiography).

Lorenzi M

FAILURE OF SOMATOSTATIN TO INHIBIT
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TION IN PATIENTS WITH INSULINOMAS: A
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COMPARATIVE STUDY; FEMALE; HUMAN;
INSULIN (blood); ISLET CELL TUMOR
(metabolism); MALE; MIDDLE AGE;
SOMATOTROPIN RELEASE INHIBITING
HORMONE (diagnostic use); TIME FACTORS;
TOLBUTAMIDE (diagnostic use); UNITED
STATES GOVERNMENT SUPPORTED, N.I.H..

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ANIMAL EXPERIMENTS; BIOLOGICAL
TRANSPORT, ACTIVE (drug effects);
EPINEPHRINE (metabolism); FEMALE;
HISTIDINE (metabolism); IN VITRO; INSULIN
(metabolism, pharmacodynamics); MAGNESIUM
(metabolism); POTASSIUM (metabolism);
PROTEINS (biosynthesis); RATS; RECEPTORS,
HORMONE, SODIUM (metabolism); UNITED
STATES GOVERNMENT SUPPORTED, N.I.H.;
UTERUS (metabolism).

Loten EG

REGULATION OF CARBOHYDRATE AND
LIPID METABOLISM IN THE LIVER AND
ADIPOSE TISSUE OF NORMAL AND
DIABETIC MICE. Loten EG, Assimacopoulos-
Jeannet F, Le Marchand Y, Singh A, Jeanrenaud
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ADIPOSE TISSUE (metabolism); ANIMAL
EXPERIMENTS; CARBOHYDRATES
(metabolism); COLCHICINE

Loubatieres A

(pharmacodynamics); DIABETES MELLITUS (metabolism); GLUCONEOGENESIS; IN VITRO; INSULIN (metabolism); LIPIDS (metabolism, biosynthesis); LIPOPROTEINS, VLDL (metabolism); LIVER (metabolism); MALE; MICE; MICE, OBESE; MICROTUBULES (metabolism); PERFUSION; PROTEINS (metabolism); SUBCELLULAR FRACTIONS (drug effects); TRIGLYCERIDES (metabolism); VINCRISTINE (pharmacodynamics).

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[EFFECTS OF SODIUM DL LACTATE ON SECRETION OF INSULIN AND GLUCAGON. STUDY ON THE ISOLATED PERFUSED RAT PANCREAS] Loubatieres-Mariani MM, Blayac JP, Alric R, Valette G, Loubatieres A *C R Soc Biol (Paris)* 168: 1038-44, 1974 (Fre)

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ANIMAL EXPERIMENTS; AUTOANALYSIS; BLOOD PRESSURE (drug effects); BLOOD SUGAR; DOGS; ENGLISH ABSTRACT; HYDROGEN-ION CONCENTRATION; INSULIN (administration & dosage, pharmacodynamics); ISLANDS OF LANGERHANS (physiology); LACTATES (blood); PHENFORMIN (pharmacodynamics, antagonists & inhibitors); PYRUVATES (blood); STIMULATION, CHEMICAL.

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ADRENERGIC BETA RECEPTOR

BLOCKADERS (pharmacodynamics); ANIMAL EXPERIMENTS; DOGS; ENGLISH ABSTRACT; IN VITRO; INSULIN (secretion); ISLANDS OF LANGERHANS (drug effects); ISOPROTERENOL (antagonists & inhibitors, pharmacodynamics); PANCREAS; PERFUSION; PROPRANOLOL (pharmacodynamics); RADIOIMMUNOASSAY; RATS; RECEPTORS, ADRENERGIC; SECRETORY RATE (drug effects); STIMULATION, CHEMICAL.

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ANIMAL EXPERIMENTS; DOSE-RESPONSE RELATIONSHIP; DRUG; DRUG INTERACTIONS; ENGLISH ABSTRACT; GLUCAGON (secretion); GLUCOSE (administration & dosage, pharmacodynamics); IN VITRO; INSULIN (secretion); ISLANDS OF LANGERHANS (drug effects); LACTATES (pharmacodynamics); PANCREAS (drug effects); PERFUSION; RADIOIMMUNOASSAY; RATS; SECRETORY RATE (drug effects).

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ADMINISTRATION, ORAL; ADULT; AGED; BLOOD SUGAR (metabolism); FEMALE; GLUCOSE TOLERANCE TEST; GLUCOSE (administration & dosage); HUMAN; INFUSIONS, PARENTERAL; INSULIN (blood); MALE; MIDDLE AGE; PORTAL VEIN; TIME FACTORS.

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Luyckx AS

HORMONAL AND METABOLIC CHANGES INDUCED BY ELEVATED PLASMA FREE FATTY ACIDS IN TERM PREGNANCY. I. EFFECT ON MATERNAL BLOOD GLUCOSE, INSULIN AND HUMAN PLACENTAL LACTOGEN CIRCULATING LEVELS. Gaspard UJ, Sandron HM, Luyckx AS, Lefebvre PJ *J Clin Endocrinol Metab* 40: 1066-72, Jun 75 (Eng)

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BLOOD SUGAR (analysis); CHRONIC DISEASE; DIABETES MELLITUS (chemically induced, metabolism, immunology); GRANULOMA (pathology); HUMAN; HYPERSENSITIVITY, DELAYED; IMMUNOSUPPRESSION; LIVER (pathology, cytology); MICE; NICOTINAMIDE; ORGAN WEIGHT; PARASITE EGG COUNT; SCHISTOSOMA MANSONI; SCHISTOSOMIASIS (complications); SPLEEN (pathology); STREPTOZOTOCIN; UNITED STATES GOVERNMENT SUPPORTED, N.I.H..

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AGE FACTORS; ANIMAL EXPERIMENTS; ANIMALS, NEWBORN; ARACHIDONIC ACIDS (blood); BLOOD SUGAR; DOGS; ENERGY METABOLISM; FATTY ACIDS, NONESTERIFIED (blood); LINOLEIC ACIDS (blood); MYOCARDIUM (metabolism); STEARIC ACIDS (blood); WEANING.

Zollner N

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[CERTAIN INDICATORS OF CARBOHYDRATE-PHOSPHORUS METABOLISM IN THE BLOOD OF PATIENTS WITH CLOSED CEREBRO-CRANIAL INJURY] Ishchenko MM, Zverev AP *Vopr Neurokhir* 60: 11-5, Nov-Dec 74 (Rus)

Anonymous

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DIABETIC RETINOPATHY; HUMAN; MACULA LUTEA; PROGNOSIS; RETINAL DETACHMENT (diagnosis); VITREOUS BODY.

EDITORIAL: DIABETIC NEPHROPATHY.

Anonymous *Br Med J* 3: 5-6, 5 Jul 75 (Eng)

DIABETIC NEPHROPATHIES (complications, diagnosis); HUMAN; KIDNEY FAILURE, CHRONIC (complications); PROGNOSIS; PROTEINURIA (etiology); UREMIA (etiology).

RETURN OF ELEVATED BLOOD PRESSURE AFTER WITHDRAWAL OF ANTIHYPERTENSIVE DRUGS. Anonymous *Circulation* 51: 1107-13, Jun 75 (Eng)

AGE FACTORS; ANTIHYPERTENSIVE AGENTS (therapeutic use); BLOOD PRESSURE; CLINICAL RESEARCH; CREATINE (blood); GLUCOSE TOLERANCE TEST; HYPERTENSION (drug therapy, physiopathology); MIDDLE AGE; PLACEBOS; POTASSIUM (blood); PRESSORECEPTORS (physiopathology); RACIAL STOCKS; TIME FACTORS; URIC ACID (blood).

[CLINICAL CONGERENCE: MULTIPLE

NEOPLASMS. EPISODES OF HYPOGLYCEMIA AND DEATH IN CARDIOGENIC SHOCK] Anonymous *Medicina (B Aires)* 35: 180-93, Mar-Apr 75 (Spa)

ADENOCARCINOMA (pathology); CARCINOMA, TRANSITIONAL CELL (pathology); CASE REPORT; COLONIC NEOPLASMS (pathology); DIAGNOSIS, DIFFERENTIAL; HUMAN; HYPOGLYCEMIA (pathology); LYMPHOSARCOMA (pathology); MALE; MIDDLE AGE; NEOPLASM METASTASIS; NEOPLASMS, MULTIPLE PRIMARY (pathology); SHOCK, CARDIOGENIC (pathology); THYROID NEOPLASMS (pathology).

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DIABETES MELLITUS; HUMAN; SPECIAL LIST NURSING; TRAVEL.

Zacks SI

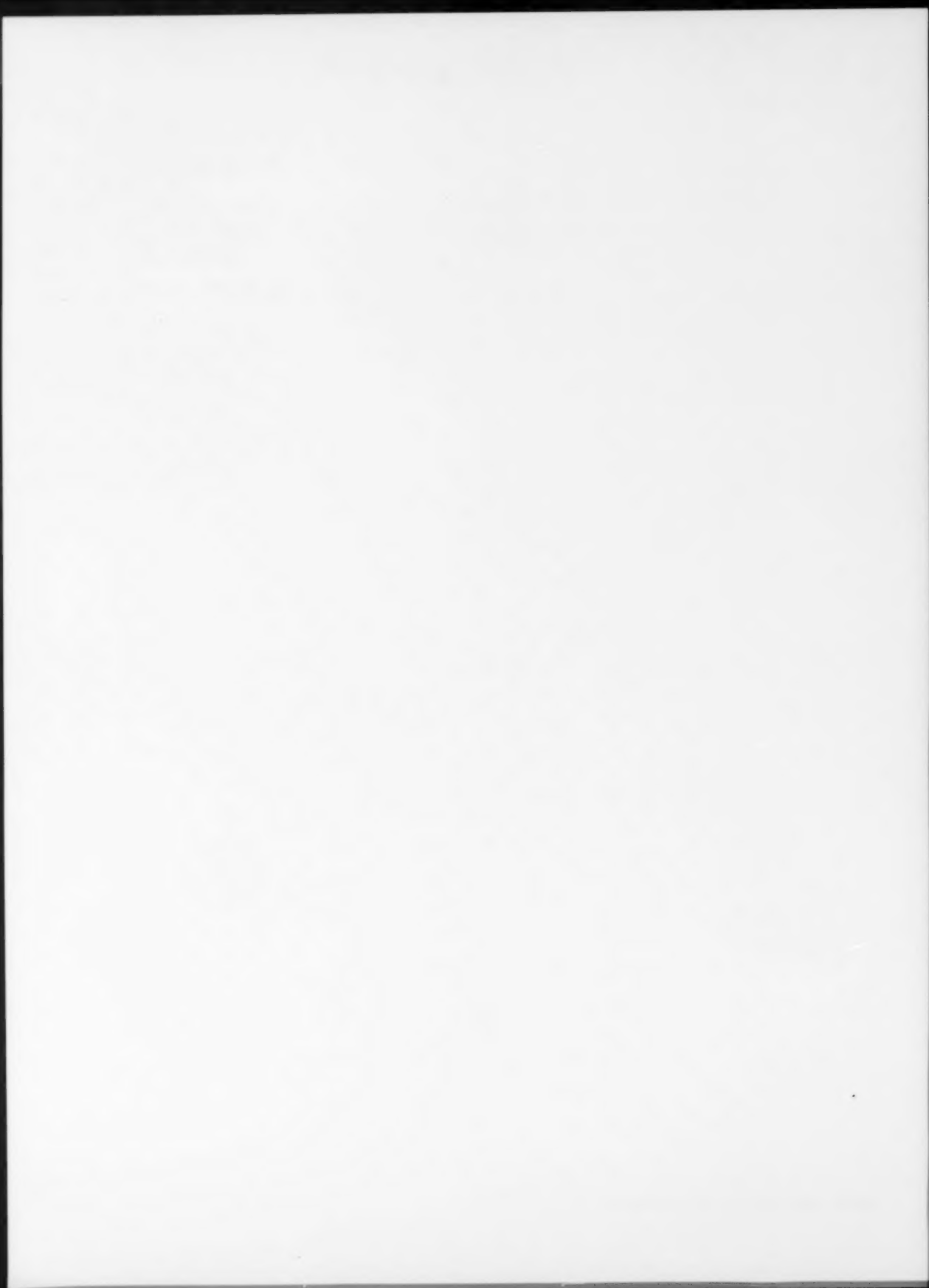
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(COMPREHENSIVE REVIEW)] Anonymous
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DESENSITIZATION; DRUG
HYPERSENSITIVITY; ENGLISH ABSTRACT;
HEMORRHAGE, GASTROINTESTINAL
(chemically induced); HUMAN;
HYPERSENSITIVITY, DELAYED;
HYPERSENSITIVITY, IMMEDIATE; INSULIN
RESISTANCE; INSULIN (adverse effects,
administration & dosage); LIPODYSTROPHY
(complications); OBESITY IN DIABETES
(complications); REVIEW; URTICARIA
(chemically induced).

CLINICAL CONFERENCE; MILIARY TU-
BERCULOSIS, Anonymous *Am J Med* 58: 847-
56, Jun 75 (Eng)

AGED; ALKALOSIS, RESPIRATORY
(physiopathology); CARBON DIOXIDE (blood);
CASE REPORT; DIABETES MELLITUS
(diagnosis); DIAGNOSIS, DIFFERENTIAL;
FEMALE; HEMATOMA, SUBDURAL
(diagnosis); HUMAN; HYDROGEN-ION
CONCENTRATION; KIDNEY (pathology);
LEIOMYOMA (radiography); LIVER
(pathology); LUNG DISEASES, FUNGAL
(diagnosis); LUNG (pathology, radiography);
OXYGEN (blood); SPUTUM (microbiology);
STOMACH NEOPLASMS (radiography);
TUBERCULIN TEST; TUBERCULOSIS,
MILIARY (diagnosis, pathology).





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